SBRW= 000026/20-21 12-10-2020

M. A. R. 57 (Rule 116)
Measurement Book

No. E 536001

Serial No. 2nd and final Bill

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency Executive Engineer., ICRI02., Bangalore.

Date of commencement of work D.o.Receipt : 18.09.2020

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name of work :	Development of park at Hegdenagar in Ward No-06 By Jalahalli Sub Division.					
	Estimated cost Rs	5.00 Lakh.					
	JOB. NO =	006-18-000068					
	Work order no =	BBMP/EE/BTP/WO/74/2017-18. Dt. 27.02.2018.					
	(1) Earth work in surface levelling and lowering the ground	Excavation in ordinary soil for				manually (Other than rock)	

Reference to last Measurement 8

/19-20
issued
o. 06
/02

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and removing the Excavated stuff to a distance not exceeding 50m and lift upto 1.500m, Excavated surface levelled & neatly dressed, disposed Earth to be levelled after breaking clods and neatly dressed as per specifications.						
			Qty vide this MB p. 53 to 80				
			Item (1).			165.00 m³ @ 166.42/m³	27459.30
2)	Lead for Earthwork and disposal of debris shall be payable at Contract rates by mechanical means including loading and unloading for Earthwork Complete with all lead and lift and as per the directions of Engineer-in-charge.						

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work.

Date	Full description, etc, o
1	2
	of work.
3]	Providg and layi 1:3:6 with ope graded granite fine aggregate layers not fund, plinth,

Reference to last Measurement 8
27459.00

M. A. R. 57 (Rule 116) No. E 536002
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	of Work.	qty as de # no. (1) : 165.00 m³ @ 100/m³					16,500.00
3]	Providg and layirg in position plain cement concrete of mix 1:3:6 with ope e 22 o lays with 20 mm nol down size graded granite metal coarse aggregate e 0.84 m³ and fine aggregate e 0.56 m³ machine mixed concrete laid in layers not exceedg 150 mm thick well compacted in fndn, plinth, including curing all materials, labour etc						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	of machinery curing Complete as per specifications.						
			qty vide this MB. p. 53608				
			# no. (2) = 4.65 sq				
			@ 5598.92/sq				26035.00
4)	Providing and fixing Executive bench made out of sandalwood grey stone with hand supporters with three base brackets with arch design, with 100 mm slab height 90 x L 150 x 45 cm.						
		-	-	-		5 nos	
						@ 18200/e	91,000.00
5)	providing and laying in position cement concrete					M15 1:2:4	

Serial No. .....
Name of work .....
Name of Contractor of nature of Agen
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	With opc @ 240 kg. granite metal co aggregate @ 0.53 layers not exce found, plinth and e Hamag machine
	Flat fram

tents	Reference to last Measurement
7	8
3608	
y³	26035.00
ndy	
ly	
1500	
0s	
00/=	91,000.00
1:2:4	

M. A. R. 57 (Rule 116) No. E 536003
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	With ope @ 240 kgs, with 20 mm and down size graded granite metal coarse aggregate @ 0.878 y³ and fine aggregate @ 0.534 y³ machine mixed concrete laid in layers not exceeding 15 cms thick well compacted in found, plinth and cills including cost of all materials, labours, hiring machinery curing complete as per specification.						
	Plat form	1	4.20	1.50	0.10	0.63	
		3	2.50	2.50	0.10	1.88	
		1	3.14	1.65	1.65 × 0.10 :	0.85	17302.00
						3.36 y³	
						Add to 3.00 y³	

@ 5767.46/y³

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
6)	Providing and laying/fixing cement base, precast pre-polished cement concrete, designer tiles 25mm thick for flooring conforming to IS-1237, heavy duty tiles for flooring treads of steps and landings, laid on bed of 12mm thick cement mortar 1:3 finished with flush pointing using white cement, including costing, materials, labour, mortar, including cutting, grinding the edge to width/Full Round wherever required, labour, curing complete as per specifications.						
		1	4.20	1.50	-	6.3042	
		3	2.50	2.50	-	18.75	

Serial No. .....
Name of work .....
Name of Contractor of nature of A
Date of commencement of work..

Date	Full description, etc, of
1	2
7)	Providing and fra... stoneware made ... 11½ and 16½ mm ... finished with ... formwork cur... hire charges of

Reference to last Measurement 8

M. A. R. 57 (Rule 116) No. E 536004
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		1	3.14	1.65x1.65	2	8.55	
						33.60 sq	
		@ 1150.10/42		Ltd to		31.10 42	35,653.10
7)	Providing and laying pre-cast reinforced cement concrete kerb stones made out of C.C 1:2:4 with tapered bottom width 11cm and 16½ cms respectively, 400mm high and 450mm long finished with CM 1:3, planting and finishing cutting, including formwork curing, including costing all materials, labour hire charges of machinery, loading unloading lead and lift						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	transportation etc complete	2	4.20	-	-	8.40	
		2	1.50	-	-	3.00	
		12	2.50	-	-	30.00	
		1	3.14	3.30	-	10.36	
						51.36 Mtr	
			No. of Kerbs	= 51.36	0.45	= 115.03	
			Unit Rate	= 111 No	@ 331.78	/=	36828.00
8)	Providing children play standard Rea daw 2 seater Equipment this Equipment is made out of main beam 50mm M.S pipe 'B' class of length 1.98mtr, with 2 handles welded at the ends as a hand are made of 20mm 'B' class pipe, the main beam protect to the bottom supports of 40mm M.S						

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.
Date of commencement of work.....

Date	Full description, etc, of work
1	2
	by bush bearing cl
	or to 28mm dia
	the ground by mean
	of 250mm x 200mm
	Rest at the front.
	Pipes are painted
	Coat of protective
	finishing the play E

Reference to last Measurement 8
36828.00

M. A. R. 57 (Rule 116) No. E 536005
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	by bush bearing clamped by pipe joints which slides on 28mm dia steel shafts, which gets installed in the ground by means of Concrete 2 nos, seats are made of 250mm x 200mm x 8 SWG MS sheets with a hand Rest at the front. All pipes are of ISI grade. All the pipes are painted with 2 coats of superset paint over a Coat of primetone - Zinc chromate Yellow oxide including painting the play Equipments in CC 1:2:4 using ele						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Complete with all lead, lift, loading, unloading and any others incidental charges and as per the drawing and specifications and directions of Engineer-in-charge of the work.						
		1 no	–	–	–	1 no, @ 28,000/-	R. 28,000.-
(9)	Providing children play standard duck wheel Equipment. This is a merry rocker made out of 4 feet diameter plate form with 10mm thick aluminium chequered plate						

Serial No. .....
Name of work .....
Name of Contractor of nature of A
Date of commencement of work..

Date	Full description, etc, of
1	2
	Supported Well
Pipe at the e
2Dpe. duds
supported w
the. 100 rings
ring are of 3
All the pipes o

Reference to last Measurement 8

R. 28,000.-

M. A. R. 57 (Rule 116) No. E 536006
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Supported well at the bottom, there is a 100mm dia MS pipe at the centre with 2 Nos of ball bearing 2 nos 2 pcs. duds and 1 no of plastic sheet flat seats, all supported by vertical pillars of size 25mm NB pipe. the 100 rings are in 25mm pipe and bottom circular ring are of 32 mm NB pipes. All pipes are of ss grade All the pipes are painted with 2 coats of super sch						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	paint over a coat of protective Zinc Chromate yellow oxide including fixing the play Equipment in C.C 1:2:4 mix etc complete with all lead, Lift loading, unloading and any incidental charges required for the successful Completion of the work.						
	Dasarahally-park near Temple	1 No	–	–	–	1 No. @ 68,000/-	~~68,000.00~~
10)	2-seater-swing-This swing consists of 2 nos, seat of solid fibbed fp of size 480 x 180 x 3.50mm supported by M.S. chains (Heavy) length 1.80 mts						

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work.

Date	Full description, etc, o
1	2
	each seat is chains are bearing from beam is of chain 3mm V. beams are top the main (Heavy duty

Reference to last Measurement 8
68,000.00

M. A. R. 57 (Rule 116) **No. E** 536007
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	each deck is suspended by 2 nos of chains. the chains are supported by circular housing with bearing from which the chain is suspended. the main beam is of 500mm M.S 'a' class pipe. SQ cut M.S chain 30mm x 20mm x 5mm thick. the 2 nos inverted 'V' beams are of 500mm 'D' class pipes secured at the top the main beam by means of castings. (Heavy duty for elders) All pipes are of IST						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	grade. All the pipes are painted with 2 coats of super set paint over a coat of protective zinc chromate yellow oxide.						
		1No	–	–	–	1No	46.000.00
						@ 46.000/-	
11)	Providing children play standard slide Equipment: made out of M.S. 'B' class pipe. main frame are in 25mm and other railings are in 20mm, 1.50mtrd 3.00mt long x 0.45m width, sturdy surface filled with S.S. sheet. All pipe are of ISI grade. All the pipes						

Serial No. .....
Name of work .....
Name of Contractor of natu
Date of commencement of

Date	Full description,
1	2
	are painte coat of brazing th with all le and charge directly

cfo EC

Reference to last Measurement 8
46,000.00

M. A. R. 57 (Rule 116) No. E 536008
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions			Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6	
	are painted with 2 coats of superior paint over a coat of protective zinc chromate yellow shade. including fixing the play equipments in C.C 1:2:4 Cement Concrete with all lead with loading, unloading and any other incidental charges and as per the drawing and specifications and directions of the Engineer in charge of the work.					
		2 NOS	—	—	—	2 NOS @ 28,000/-	56,000.00

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬೆಂಗಳೂರು-24

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total - Rs.	4,48,777.00
	Verified D.. 14/10			Add		ICR[illegible] - Chgs etc.	44,878.00
	ಸ.ಅ.(ಬಾ.ವಿ)			Add		Labour Cess @ 1%	4488.00
						Total R	4,98,143.00
	ಸಹಾಯಕ ಅಭಿಯಂತರರು AE ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ					ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24	

Serial No. .....

Name of work .....

Name of Contractor of nature of

Date of commencement of work

Date	Full description, etc,
1	2
	1st &

Reference to last Measurement 8
4,48,777.00
44,878.00
488.00
4,98,143.00

M. A. R. 57 (Rule 116) No. E

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	1st & Final						
	P- 3290=00 49800=00 51755=00 446245=00						
	Bill= 498000=00 IT 9960=00 LC 4980=00 CBF 498=00 CGST 4446=00 SGST 4446=00 FSD 24900=00 FINE 1000=00 Roy 1525=00 TD 51755=00 NET 446245=00						

PP

14/10

Calculated 14/10